

Appln. No. 10/527,859
Preliminary Amdt. dated 12/13/06

IN THE CLAIMS

1. (Currently amended) Improvement in a double action, hammer trigger mechanism for a firearm of a known type having a frame, a barrel for receiving a cartridge, a slide arranged to move longitudinally between a forward and a rearward position with respect to said barrel, said slide being spring-loaded in a forward direction and adapted to move in a rearward direction when the cartridge is fired, said slide defining a cam surface, a firing pin longitudinally slidable in the slide so as to strike the cartridge, a hammer arranged to pivot about a first pivot point on the frame, said hammer having a double action let-off pin disposed thereon and also defining a sear notch, spring biasing means urging said hammer toward the firing pin, a spring-loaded sear arranged to pivot about a second pivot point on the frame, said sear including a lip for cooperating with the sear notch to hold the hammer cocked when the hammer is pivoted against said spring biasing; means, a trigger arranged to pivot about a third pivot point on the frame, said trigger having a trigger pivot pin thereon that is disposed so as to move in said forward direction when the trigger is pulled, a transfer bar having a first end connected to said trigger pivot pin, ~~said transfer bar including a first finger cooperating with said cam surface when the slide is in a forward position~~ said transfer bar defining a transfer bar notch disposed to receive said double action let-off pin so as to enable said transfer bar to pivot the hammer in a cocking direction against said spring biasing means when the trigger is pulled, and a transfer spring biasing the first finger toward said cam surface, said improvement being characterized by:

a single action let-off pin disposed on said sear,
said transfer bar including a first finger cooperating with said cam surface when the slide is in a forward position,
said transfer bar further including a second finger arranged to engage said single action let-off pin and pivot the sear when the trigger is pulled so as to release the hammer when the sear is holding the hammer cocked,
~~a double action let-off pin disposed on said hammer,~~
~~said transfer bar further defining a transfer bar notch disposed to receive said double action let-off pin so as to enable said transfer bar to pivot~~

Appln. No. 10/527,859
Preliminary Amdt. dated 12/13/06

~~the hammer in a cocking direction against said spring biasing means when the trigger is pulled to an intermediate position, said transfer bar first finger being arranged to cooperate with the slide cam surface to move said transfer bar notch away from the double action let-off pin to release the hammer when the trigger is pulled further to a double action let-off position~~ when the sear is not holding the hammer cocked.

2. (Original) The improvement according to claim 1, wherein said transfer bar has its first end pivotably mounted on said trigger pivot pin and extends in a rearward direction beneath said slide, and wherein said first finger extends laterally therefrom into engagement with said cam surface on the slide, said second finger being spaced from the first finger to receive said single action let-off pin therebetween and located to be proximate the single action let-off pin when the hammer is cocked.

3. (Original) The improvement according to claim 1, wherein said transfer bar has its first end pivotably mounted on said trigger pivot pin and extends in a rearward direction beneath said slide, and wherein said first finger extends laterally therefrom into engagement with said cam surface on the slide and said cam surface is contoured to pivot the transfer bar away from the slide as the trigger is pulled, said transfer bar notch being shaped to hold said double action let-off pin therein to move the hammer toward a cocked position as the trigger is pulled and to release the double action let-off pin therefrom before the hammer reaches the cocked position.

4. (Currently amended) The improvement according to claim 1, wherein said transfer bar extends alongside said sear and wherein said single action let-off pin comprises a pin disposed on said sear and extending ~~parallel to said second pivot point and~~ over the transfer bar between said first and second fingers.

Appln. No. 10/527,859
Preliminary Amdt. dated 12/13/06

5. (Currently amended) The improvement according to claim 1, wherein said transfer bar extends alongside said hammer and wherein said double action let-off pin comprises a pin disposed on said hammer and extending ~~parallel to an axis of said first pivot point and~~ over the transfer bar in substantial alignment with said transfer bar notch.

6. (Cancelled)